Implementation and Maintenance for Non-CMOP and Remote CMOP Sites

The PHARMACY ORDERABLE ITEM file (#50.7) must be built prior to the installation of Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0. The PHARMACY ORDERABLE ITEM file (#50.7) will be similar to the PRIMARY DRUG file (#50.3), currently used by Inpatient Medications V. 4.5. The main difference will be that each entry in the PHARMACY ORDERABLE ITEM file (#50.7) will have an associated Dose Form, that will always print next to the name. The PHARMACY ORDERABLE ITEM file (#50.7) will be duplicated in the Orderable Item file that will reside in CPRS V. 1.0. Any update to the PHARMACY ORDERABLE ITEM file (#50.7) will automatically update the corresponding entry in the ORDERABLE ITEM file (#101.43). The Pharmacy Orderable Item name and Dose Form can be printed on Outpatient reports, profiles, etc., and Inpatient reports, MAR labels etc., in place of the Primary Drug Name. Further explanations will be provided in the release of Inpatient Medications V. 5.0, and Outpatient Pharmacy V. 7.0. The existing PRIMARY DRUG file (#50.3), will be deleted as part of a future release.

The PHARMACY ORDERABLE ITEM file (#50.7) will include the following fields.

.01 NAME	This is the name of the Pharmacy Orderable Item. It is a Free Text field that can be up to 40 characters in length.	
.02 DOSAGE FORM	This is a pointer to the DOSAGE FORM file (#50.606). This is a required field, and will always print next to the Pharmacy Orderable Item name.	
.03 IV FLAG	This field will be set to 1 to indicate that the Pharmacy Orderable Item entry is pointed to by either the IV ADDITIVES file (#52.6), or the IV SOLUTIONS file (#52.7). If this field is not set to 1, it indicates that the entry is pointed to from the DRUG file (#50).	
.04 INACTIVE DATE	This will contain the date the entry had been made inactive.	
.05 DAY (nD) or DOSE (nL) LIMIT	This is a Free Text field used to calculate a DEFAULT value for the "STOP DATE" prompt of the order.	

.06 MED ROUTE   This is a pointer to the MEDICATION ROUTES file (#51.2). If a MED ROUTE is entered here, it will be used as the DEFAULT value during order entry when this drug is selected.

.07 SCHEDULE TYPE This field is a set of codes, and will be used as a DEFAULT value when selecting this drug in order entry.

.08 SCHEDULE   This is a Free Text field, and will be used as a DEFAULT value during order entry when this drug is selected.

.09 SUPPLY   This is a set of codes with 1 (one) indicating that the Orderable Item is a supply.

2 SYNONYM (multiple)   This multiple will contain all the associated synonyms for the Orderable Item.

.01 - **SYNONYM**   A Free Text synonym name up to 30 characters long.

3 CORRESPONDING UD ITEM

If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order.

4 CORRESPONDING IV ITEM

If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order.

5 FORMULARY STATUS

This field will designate the formulary status of the Orderable Item. The non-formulary status will be displayed to the provider next to the selectable list of Orderable Item(s) during CPRS order entry (List Manager and GUI).

6 OI-DRUG TEXT ENTRY

This field points to drug text entries located in the DRUG TEXT file (#51.7).

This page was left intentionally blank due to revisions made to the original version of the manual.

File List

There are other Pharmacy files being exported with PDM that have previously been exported with the Inpatient Medications/Outpatient Pharmacy packages.

File#	NAME	UPDATE DD	DATA COMES WITH FILE	USER OVERRIDE
50	DRUG	FULL	NO	
50.4	DRUG ELECTROLYTES	FULL	NO	
50.606	DOSAGE FORM	FULL	YES (MERGE)	NO
50.7	PHARMACY ORDERABLE ITEM	FULL	NO	
51	MEDICATION INSTRUCTION	FULL	NO	
51.1	ADMINISTRATION SCHEDULE	FULL	YES (MERGE)	YES
51.2	MEDICATION ROUTES	FULL	YES (MERGE)	YES
51.5	ORDER UNIT	FULL	NO	
51.7	DRUG TEXT	FULL	YES OVER	YES
52.6	IV ADDITIVES	FULL	NO	
52.7	IV SOLUTIONS	FULL	NO	
54	RX CONSULT	FULL (SCREEN)	NO	
55	PHARMACY PATIENT (Partial DD)	PARTIAL	NO	
59.7	PHARMACY SYSTEM	FULL	NO	
200	NEW PERSON (Partial DD)	PARTIAL	NO	
9009032.3	APSP INTERVENTION TYPE	FULL	YES (OVERWRITE)	NO
9009032.4	APSP INTERVENTION	FULL	NO	
9009032.5	APSP INTERVENTION RECOMMENDATION	FULL	YES (OVERWRITE)	NO

The options needed to build and maintain the PHARMACY ORDERABLE ITEM file (#50.7) will be under the *Pharmacy Data Management* menu, and will appear as follows.

Pharmacy Data Management [PSS MGR]

    Primary/VA Generic Orderable Item Report
       [PSS PRIMARY/VA GENERIC REPORT]

    VA Generic Orderable Item Report
       [PSS VA GENERIC DRUG REPORT]

    Create Pharmacy Orderable Items
       [PSS CREATE ORDERABLE ITEMS]

    Manually Match Dispense Drugs
       [PSS PRE-RELEASE MANUAL MATCH]

    Orderable Item Matching Status
       [PSS ORDERABLE ITEM STATUS]

    CMOP Mark/Unmark (Single drug)
       [PSSXX MARK]
       **>Locked with PSXCMOPMGR

    Drug Enter/Edit
       [PSS DRUG ENTER/EDIT]

    Drug Interaction Management...
       [PSS DRG INTER MANAGEMENT]

       Enter/Edit Local Drug Interaction
           [PSS INTERACTION LOCAL ADD]

       Edit Drug Interaction Severity
           [PSS INTERACTION SEVERITY]

    Electrolyte File (IV)
       [PSSJI ELECTROLYTE FILE]

    Lookup into Dispense Drug File
       [PSS LOOK]

Med. Route/Instructions Table Maintenance
[PSS MED. ROUTE/INSTRUCTIONS]

Medication Instruction File Add/Edit
[PSSJU MI]

Orderable Item Management...
[PSS ORDERABLE ITEM MANAGEMENT]

 Edit Orderable Items
  [PSS EDIT ORDERABLE ITEMS]

 Dispense Drug/Orderable Item Maintenance
  [PSS MAINTAIN ORDERABLE ITEMS]

 Additive/Solutions, Orderable Items
  [PSS ADDITIVE/SOLUTIONS]

 Orderable Item Report
  [PSS ORDERABLE ITEM REPORT]

Formulary Information Report
[PSSNFI]

Drug Text Enter/Edit
[PSS EDIT TEXT]

Pharmacy System Parameters Edit
[PSS SYS EDIT]

Standard Schedule Edit
[PSS SCHEDULE EDIT]

Routines

The following routines are used by the Pharmacy Data Management package.

```
ROUTINE:
```

PSS1P23	PSSADDIT	PSSAUTL	PSSCHENV	PSSCHPRE	PSSCHPST	PSSCLDRG	PSSCLOZ
PSSCREAT	PSSDACS	PSSDDUT	PSSDDUT2	PSSDDUT3	PSSDEE	PSSDEE1	PSSDEE2
PSSDELOI	PSSDENT	PSSDINT	PSSDRINT	PSSDVEN	PSSENV	PSSENVN	PSSFIL
PSSFILED	PSSGENM	PSSGIU	PSSGMI	PSSGS0	PSSGSGUI	PSSGSH	PSSHELP
PSSHL1	PSSHLSCH	PSSHLU	PSSJEEU	PSSJORDC	PSSJORDF	PSSJSPU	PSSJSPU0
PSSJSV	PSSJSV0	PSSJXR	PSSJXR1	PSSJXR10	PSSJXR11	PSSJXR12	PSSJXR13
PSSJXR14	PSSJXR15	PSSJXR16	PSSJXR17	PSSJXR18	PSSJXR19	PSSJXR2	PSSJXR20
PSSJXR21	PSSJXR22	PSSJXR3	PSSJXR4	PSSJXR5	PSSJXR6	PSSJXR7	PSSJXR8
PSSJXR9	PSSLAB	PSSLOOK	PSSMARK	PSSMATCH	PSSNFI	PSSNFIP	PSSNOD2
PSSNTEG	PSSOICT	PSSOICT1	PSSPCH13	PSSPOI	PSSPOIC	PSSPOIDT	PSSPOIKA
PSSPOIM	PSSPOIM1	PSSPOIM2	PSSPOIM3	PSSPOIMN	PSSPOIMO	PSSPOST	PSSPRE
PSSPRETR	PSSQOC	PSSREF	PSSSOLI1	PSSSOLIT	PSSSPD	PSSSUTIL	PSSSYN
PSSTEST	PSSTXT	PSSVIDRG	PSSVX6	PSSVX61	PSSVX62	PSSVX63	PSSVX64
PSSVX65	PSSVX66	PSSYSP					

107 Routines

There are two routines in this version of the Pharmacy Data Management package that are callable by other applications.

PSSJEEU
PSSGIU

There are eight routines that may be used extensively while using the options provided with this package in setting up the PHARMACY ORDERABLE ITEM file (#50.7). They are as follows.

PSSPOIM1
PSSPOIM2
PSSPOIM3
PSSPOIDT
PSSADDIT
PSSSOLI1
PSSSOLIT
PSSHL1

Exported Options

A. Stand-alone Options

All of the Pharmacy Data Management options are designed to stand-alone and can be accessed without first accessing the top level menu.

B. Menus

The *Pharmacy Data Management* menu that is exported with this release of the Pharmacy Data Management package is as follows.

Pharmacy Data Management Menu:

Primary/VA Generic Orderable Item Report
VA Generic Orderable Item Report
Create Pharmacy Orderable Items
Manually Match Dispense Drugs
Orderable Item Matching Status
CMOP Mark/Unmark (Single drug)
     Locked with PSXCMOPMGR
Drug Enter/Edit
     IMPORTANT: Once Pharmacy Data Management is installed, the
     Outpatient Drug Enter/Edit and the *Inpatient Medications Dispense Drug*
     Fields options will be disabled and the *PDM Drug Enter/Edit* option should
     be used.
Drug Interaction Management...
   Enter/Edit Local Drug Interaction
   Edit Drug Interaction Severity
Electrolyte File (IV)
Lookup into Dispense Drug File
Med. Route/Instructions Table Maintenance
Medication Instruction File Add/Edit
Orderable Item Management...
   Edit Orderable Items
   Dispense Drug/Orderable Item Maintenance
   Additive/Solutions, Orderable Items
Orderable Item Report
Formulary Information Report
Drug Text Enter/Edit
Pharmacy System Parameters Edit
Standard Schedule Edit

Some of the above non-asterisk options are used in Creating A Sig Using Information From CPRS Order Entry (see page 11 of this manual). It is useful in understanding the creation of a possible sig in the Outpatient Pharmacy portion of CPRS when it is implemented.

* These items are for pre-release only and will be deleted with the installation Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0.

C. Option Descriptions

Following are the descriptions for the options.

PSS MGR Pharmacy Data Management

This menu contains the options necessary to build and maintain the PHARMACY ORDERABLE ITEM file (#50.7), and to also build and maintain the Med. Route/Instructions table.

Type: menu
Item:PSS PRIMARY/VA GENERIC REPORT
Item:PSS VA GENERIC DRUG REPORT
Item:PSS CREATE ORDERABLE ITEMS
Item:PSS PRE-RELEASE MANUAL MATCH
Item:PSS ORDERABLE ITEM STATUS
Item:PSSXX MARK
Item:PSS DRUG ENTER/EDIT
Item:PSS DRG INTER MANAGMENT
Item:PSS INTERACTION LOCAL ADD
Item:PSS INTERACTION SEVERITY
Item:PSSJI ELECTROLYTE FILE
Item:PSS LOOK
Item:PSS MED. ROUTE/INSTRUCTIONS
Item:PSSJU MI
Item:PSS ORDERABLE ITEM MANAGEMENT
Item:PSS EDIT ORDERABLE ITEMS
Item:PSS MAINTAIN ORDERABLE ITEMS
Item:PSS ADDITIVE/SOLUTIONS
Item:PSS ORDERABLE ITEM REPORT
Item:PSSNFI
Item:PSS EDIT TEXT
Item:PSS SYS EDIT
Item:PSS SCHEDULE EDI

PSS ORDERABLE ITEM REPORT   Orderable Item Report

This option prints a report that is broken up into three parts. The first part shows all Pharmacy Orderable Items that are linked to IV Additives. The second part shows all Pharmacy Orderable Items linked to IV Solutions. The third part shows all Pharmacy Orderable Items linked to Dispense Drugs.

Type: run routine   Routine: PSSPOIKA

PSSNFI Formulary Information Report

This option provides a listing of pertinent pharmacy formulary information.

Type: run routine   Routine: PSSNFI

PSS EDIT TEXT Drug Text Enter/Edit

This option enables entries to be edited in the DRUG TEXT file. This file contains drug information, restrictions, and guidelines, etc.

Type: run routine   Routine: PSSTXT

PSS SYS EDIT Pharmacy System Parameters Edit

This will be the edit IV Identifier field that will be displayed with IV Orderable Items. The IV Identifier will be set to "IV" when the package is initially installed.

The Change Type of Order From OERR field is a site parameter that will allow the pharmacist to change the type of order from what is received from OERR. If this field is set to yes, it will be possible to change the order type on orders where the Orderable Item has data in the CORRESPONDING IV ITEM field for unit dose orders or data in the CORRESPONDING UD ITEM for IV orders.

Type:run routine   Routine: PSSYSP

PSS SCHEDULE EDIT   Standard Schedule Edit

This option allows the user to edit the set of times associated with the standard dosage administration schedules. This may be used to define the outpatient expansion to be used when the schedule is entered for an outpatient medication order.

Type:run routine   Routine: ENPSJSE^PSSJEEU

D. Exported Options Previously Released with Inpatient Medications.

In the list below, the Inpatient Medications options are listed first and in bold, the Pharmacy Data Management options which will replace the Inpatient Medications options are listed next. The PDM options are designed to be stand-alone and may be given to the individual users as needed.

PSJ PRIMARY DRUG EDIT
  PSS PRIMARY DRUG EDIT   Primary Drug Edit

PSJI DRUG
  PSSJI DRUG   ADditives File

PSJI EDIT DRUG COST
  PSSJI EDIT DRUG COST   EDit Drug Cost (IV)

PSJI SOLN
  PSSJI SOLN   PRimary Solution File (IV)

PSJU DCC
  PSSJU DCC   Edit Cost Data

PSJU DRG
  PSSJU DRG   Dispense Drug Fields

PSJU DRUG/ATC SET UP
  PSSJU DRUG/ATC SET UP   Dispense Drug/ATC Set Up

PSJU MARK UD ITEMS
  PSSJU MARK UD ITEMS   MARk/Unmark Dispense Drugs For Unit Dose

Routines

A. Routine Descriptions

The following routines are used by the Pharmacy Data Management package.

```
ROUTINE:
PSS1P23     PSSADDIT    PSSAUTL     PSSCHENV    PSSCHPRE    PSSCHPST    PSSCLDRG    PSSCLOZ
PSSCREAT    PSSDACS     PSSDDUT     PSSDDUT2    PSSDDUT3    PSSDEE      PSSDEE1     PSSDEE2
PSSDELOI    PSSDENT     PSSDINT     PSSDRINT    PSSDVEN     PSSENV      PSSENVN     PSSFIL
PSSFILED    PSSGENM     PSSGIU      PSSGMI      PSSGS0      PSSGSGUI    PSSGSH      PSSHELP
PSSHL1      PSSHLSCH    PSSHLU      PSSJEEU     PSSJORDC    PSSJORDF    PSSJSPU     PSSJSPU0
PSSJSV      PSSJSV0     PSSJXR      PSSJXR1     PSSJXR10    PSSJXR11    PSSJXR12    PSSJXR13
PSSJXR14    PSSJXR15    PSSJXR16    PSSJXR17    PSSJXR18    PSSJXR19    PSSJXR2     PSSJXR20
PSSJXR21    PSSJXR22    PSSJXR3     PSSJXR4     PSSJXR5     PSSJXR6     PSSJXR7     PSSJXR8
PSSJXR9     PSSLAB      PSSLOOK     PSSMARK     PSSMATCH    PSSNFI      PSSNFIP     PSSNOD2
PSSNTEG     PSSOICT     PSSOICT1    PSSPCH13    PSSPOI      PSSPOIC     PSSPOIDT    PSSPOIKA
PSSPOIM     PSSPOIM1    PSSPOIM2    PSSPOIM3    PSSPOIMN    PSSPOIMO    PSSPOST     PSSPRE
PSSPRETR    PSSQOC      PSSREF      PSSSOLI1    PSSSOLIT    PSSSPD      PSSSUTIL    PSSSYN
PSSTEST     PSSTXT      PSSVIDRG    PSSVX6      PSSVX61     PSSVX62     PSSVX63     PSSVX64
PSSVX65     PSSVX66     PSSYSP
```

107 Routines

B. Callable Routines

There are two routines in this version of the Pharmacy Data Management package that are callable by other applications.

PSSJEEU
PSSGIU

C. Routine Mapping

There are no routines that require mapping.

Security Management

DBIA integration agreements can be viewed by first choosing the *DBA...* menu option on FORUM and then the *Integration Agreements Menu.*

There are no SAC exemptions for this package.

Menus

Pharmacy Data Management

*Primary/VA Generic Orderable Item Report
*VA Generic Orderable Item Report
*Create Pharmacy Orderable Items
*Manually Match Dispense Drugs
*Orderable Item Matching Status
CMOP Mark/Unmark (Single drug)
      Locked with PSXCMOPMGR
Drug Enter/Edit
      IMPORTANT: Once Pharmacy Data Management is installed, the
      Outpatient Drug Enter/Edit and the *Inpatient Medications Dispense Drug*
      Fields options will be disabled and the *PDM Drug Enter/Edit option* should
      be used.
Drug Interaction Management...
    Enter/Edit Local Drug Interaction
    Edit Drug Interaction Severity
Electrolyte File (IV)
Lookup into Dispense Drug File
Med. Route/Instructions Table Maintenance
Medication Instruction File Add/Edit
Orderable Item Management...
    Edit Orderable Items
    Dispense Drug/Orderable Item Maintenance
    Additive/Solutions, Orderable Items
Orderable Item Report
Formulary Information Report
Drug Text Enter/Edit
Pharmacy System Parameters Edit
Standard Schedule Edit

* These items are for pre-release only and will be deleted with the installation of Outpatient V. 7.0 and Inpatient Medications V. 5.

File Security

Information about all files, including these can be obtained by using the VA FileMan to generate a list of file attributes.

File Numbers	File Names	DD	RD	WR	DEL	LAYGO
50	DRUG	@				
50.4	DRUG ELECTROLYTES	@				
50.606	DOSAGE FORM	@		@	@	@
50.7	PHARMACY ORDERABLE ITEM	@				
51	MEDICATION INSTRUCTION	@				
51.1	ADMINISTRATION SCHEDULE	@				
51.2	MEDICATION ROUTES	@				
51.5	ORDER UNIT					
51.7	DRUG TEXT	@	@	@	@	@
52.6	IV ADDITIVES	@				
52.7	IV SOLUTIONS	@				
54	RX CONSULT					
55	PHARMACY PATIENT (Partial DD)	@	P			
59.7	PHARMACY SYSTEM	^		^	^	^
200	NEW PERSON (Partial DD)	#	#	#	#	#
9009032.3	APSP INTERVENTION TYPE					
9009032.4	APSP INTERVENTION					
9009032.5	APSP INTERVENTION RECOMMENDATION					

☞ Please refer to Page 432 of Kernel V. 8.0 Systems Manual concerning installation of security codes sections entitled "Sending Security Codes."